

sub
ci
Claim ~~3~~⁴ (original): A composition according to claim 1 wherein said cationic surfactant comprises a pyridinium compound.

Claim ~~7~~⁵ (original): A composition according to claim ~~6~~⁴ wherein said pyridinium compound comprises cetyl pyridinium chloride.

Claim 9 (original): A composition according to claim 1 further comprising an oligosaccharide.

Claim 10 (original): A composition according to claim 1 or 9 further comprising a divalent metal cation.

Claim 11 (original): A composition according to claim 10 wherein said divalent metal cation is selected from the group consisting of copper, zinc, selenium, calcium and magnesium.

Claim 12 (original): A composition according to claim 9 wherein said oligosaccharide is selected of the group consisting of fructo oligosaccharides, soy oligosaccharides and inulin.

Please cancel claims 4, 5, 8 and 13-35 as directed to non-elected inventions or species.

a3
ci
Claim ~~36~~⁶ (amended): A method for reducing plaque formation on tooth enamel, dentine, and soft tissue in the oral cavity comprising the step of contacting said enamel, dentine and tissue with an anti-plaque reducing effective amount of a composition according to claim 1.

REMARKS

Claims 1-3, 6, 7, 9-12, and 36 are in the application. Claims 4, 5, 8 and 13-35 have been cancelled as directed to a non-elected invention or species. Claims 1, 3 and 36 have been amended. No claim is allowed.

Applicant : N. Garison Ruggles
Serial No. : 10/053,501
Filed : November 2, 2001.
Page : 6

Attorney's Docket No.: 11377-019001

has similar disclosures regarding the surfactants and other effective ingredients at column 5, line 62-column 6, line 12 and column 6, lines 28-34. In Yamagishi, none of the examples 1-11, disclose an oral composition containing both a water-insoluble extract of *G. glabra* and an ionic surfactant. Similarly, none of the examples 1-9 in Oshino disclose an oral composition containing a water-insoluble extract of *G. glabra* and a cationic surfactant.

Accordingly, it is submitted that none of the references relied upon anticipate the subcombination of a water-insoluble extract of *G. glabra* and a cationic surfactant for oral use as an anti-odor and anti-plaque composition. It is therefore respectfully requested that this rejection be withdrawn and that this application be passed to issue.

Attached is a marked-up version of the changes being made by the current amendment.

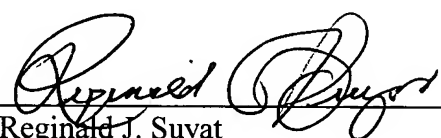
Applicant asks that all claims be allowed. Enclosed is a check for the Petition for Extension of Time fee in the amount of \$465. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: February 28, 2003

Fish & Richardson P.C.
500 Arguello Street, Suite 500
Redwood City, California 94063
Telephone: (650) 839-5070
Facsimile: (650) 839-5071

50113352


Reginald J. Suyat
Reg. No. 28,172

a

Version with markings to show changes made

In the claims:

Claims 1, 3 and 36 have been amended as follows:

1. An aqueous composition for oral use comprising:
 - c) an anti-odor and anti-plaque [active component selected from the group consisting of an] water-insoluble extract of *Glycyrrhiza glabra* [, an extract of *Usnea spp.*, an anti-odor and anti-plaque component of said extracts, and mixtures thereof];
 - d) a [surfactant selected from the group consisting of] cationic surfactant [s and nonionic surfactants and mixtures thereof].

3. A composition according to claim 1 wherein said extract contains an anti-odor and anti-plaque active component [of an extract of *Glycyrrhiza glabra*] is selected from [a] the group consisting of glabrins, licochaleones, glycyrrhizic acid, glycyrrhetinic acid and other flavonoids and coumarins.

36. A method for reducing plaque formation on tooth enamel, dentine, and soft tissue in the oral cavity comprising the step of contacting said enamel, dentine and tissue with an anti-plaque reducing effective amount of a composition according to claim 1 [13, 26 or 31].

9